

SEQUENCE LISTING

<110>	Ruppert, J. Michael Engler, Jeffrey Allen	
<120>	Krüppel-Like Transcriptional Factor KLF4/GKLF and Uses Thereof	
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<141>	2004-02-11	
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<210> 6
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 <213> *Homo sapiens*

<220>
 <223> amino acid sequence of GKLF protein

<400> 6

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Pro	Asn	Asn	Arg	Trp	Arg	Glu	Glu	Leu	Ser	His	Met	Lys	Arg	Leu	35	40	45
Pro	Pro	Val	Leu	Pro	Gly	Arg	Pro	Tyr	Asp	Leu	Ala	Ala	Ala	Thr	50	55	60
Val	Ala	Thr	Asp	Leu	Glu	Ser	Gly	Gly	Ala	Gly	Ala	Ala	Cys	Gly	65	70	75
Gly	Ser	Asn	Leu	Ala	Pro	Leu	Pro	Arg	Arg	Glu	Thr	Glu	Glu	Phe	80	85	90
Asn	Asp	Leu	Leu	Asp	Leu	Asp	Phe	Ile	Leu	Ser	Asn	Ser	Leu	Thr	95	100	105
His	Pro	Pro	Glu	Ser	Val	Ala	Ala	Thr	Val	Ser	Ser	Ser	Ala	Ser	110	115	120
Ala	Ser	Ser	Ser	Ser	Ser	Pro	Ser	Ser	Ser	Gly	Pro	Ala	Ser	Ala	125	130	135
Pro	Ser	Thr	Cys	Ser	Phe	Thr	Tyr	Pro	Ile	Arg	Ala	Gly	Asn	Asp	140	145	150
Pro	Gly	Val	Ala	Pro	Gly	Gly	Thr	Gly	Gly	Gly	Leu	Leu	Tyr	Gly	155	160	165
Arg	Glu	Ser	Ala	Pro	Pro	Pro	Thr	Ala	Pro	Phe	Asn	Leu	Ala	Asp	170	175	180
Ile	Asn	Asp	Val	Ser	Pro	Ser	Gly	Gly	Phe	Val	Ala	Glu	Leu	Leu	185	190	195

Arg	Pro	Glu	Leu	Asp	Pro	Val	Tyr	Ile	Pro	Pro	Gln	Gln	Pro	Gln	200	205	210
Pro	Pro	Gly	Gly	Gly	Leu	Met	Gly	Lys	Phe	Val	Leu	Lys	Ala	Ser	215	220	225
Leu	Ser	Ala	Pro	Gly	Ser	Glu	Tyr	Gly	Ser	Pro	Ser	Val	Ile	Ser	230	235	240
Val	Ser	Lys	Gly	Ser	Pro	Asp	Gly	Ser	His	Pro	Val	Val	Val	Ala	245	250	255
Pro	Tyr	Asn	Gly	Gly	Pro	Pro	Arg	Thr	Cys	Pro	Lys	Ile	Lys	Gln	260	265	270
Glu	Ala	Val	Ser	Ser	Cys	Thr	His	Leu	Gly	Ala	Gly	Pro	Pro	Leu	275	280	285
Ser	Asn	Gly	His	Arg	Pro	Ala	Ala	His	Asp	Phe	Pro	Leu	Gly	Arg	290	295	300
Gln	Leu	Pro	Ser	Arg	Thr	Thr	Pro	Thr	Leu	Gly	Leu	Glu	Glu	Val	305	310	315
Leu	Ser	Ser	Arg	Asp	Cys	His	Pro	Ala	Leu	Pro	Leu	Pro	Pro	Gly	320	325	330
Phe	His	Pro	His	Pro	Gly	Pro	Asn	Tyr	Pro	Ser	Phe	Leu	Pro	Asp	335	340	345
Gln	Met	Gln	Pro	Gln	Val	Pro	Pro	Leu	His	Tyr	Gln	Glu	Leu	Met	350	355	360
Pro	Pro	Gly	Ser	Cys	Met	Pro	Glu	Glu	Pro	Lys	Pro	Lys	Arg	Gly	365	370	375
Arg	Arg	Ser	Trp	Pro	Arg	Lys	Arg	Thr	Ala	Thr	His	Thr	Cys	Asp	380	385	390
Tyr	Ala	Gly	Cys	Gly	Lys	Thr	Tyr	Thr	Lys	Ser	Ser	His	Leu	Lys	395	400	405
Ala	His	Leu	Arg	Thr	His	Thr	Gly	Glu	Lys	Pro	Tyr	His	Cys	Asp	410	415	420
Trp	Asp	Gly	Cys	Gly	Trp	Lys	Phe	Ala	Arg	Ser	Asp	Glu	Leu	Thr	425	430	435
Arg	His	Tyr	Arg	Lys	His	Thr	Gly	His	Arg	Pro	Phe	Gln	Cys	Gln	440	445	450
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Met Lys Arg His Phe			
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<400>	7	
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<223>	minimal essential binding site for GKLF protein

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